

Match each statement with the equation that describes it. Use drawings to solve.

Equations

- ① 15 is 3 times as many as 5.

$$36 = 4 \times 9$$

- ② 6 groups of 8 items is the same as 48 items.

$$n = 5 \times 7$$

- ③ 36 is 4 times as much as 9.

$$15 = 3 \times 5$$

- ④ Some number is 5 times as much as 7.

$$4 \times 6 = n$$

- ⑤ Some number is equal to 32 plus 4.

$$6 \times 8 = 48$$

- ⑥ 4 rows of 6 flowers is equal to some number of flowers.

$$n = 32 + 4$$



Tell how to show an unknown number in an equation.

Write an equation to describe each statement. Use drawings to solve.

- ① 18 items separated into 3 equal groups is equal to some number of items in each group.

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- ② 4 groups of 5 items is the same as 20 items.

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- ③ 18 is 3 times more than 6.

$$\underline{\hspace{2cm}}$$

- ④ Some number divided by 5 is 4.

$$\underline{\hspace{2cm}}$$

- ⑤ 5 groups of 5 items plus 1 item is the same as 26 items.

$$\underline{\hspace{2cm}}$$

- ⑥ 393 is three times as much as some number.

$$\underline{\hspace{2cm}}$$

- ⑦ 654 divided by some number is 218.

$$\underline{\hspace{2cm}}$$

- ⑧ Some number minus 6 is equal to 20 minus 19.

$$\underline{\hspace{2cm}}$$



Tell how you know whether to add or multiply.

Write an equation to represent each problem. Then solve.

- 1 There are 8 books in each box.
There are 3 boxes. How many books
are there in all? _____
- 2 There are 2 times as many shaded triangles
as white triangles. There are 3 white triangles.
How many triangles are shaded? _____
- 3 Mike made 4 rows of counters.
He put 6 counters in each row.
How many counters did he use? _____
- 4 A doll costs \$17. A doll dress costs 8 dollars
less. How much does the doll dress cost? _____
- 5 Chris returned cans to the recycling center
and got 5 cents for each can. Chris got
\$4.50 in all. How many cans did Chris return? _____
- 6 A T-shirt costs \$6. A sweatshirt costs
5 times as much. How much does
the sweatshirt cost? _____
- 7 Lori has 562 beads. She needs 30 beads
to make a necklace. How many necklaces
can she make? _____
- 8 Kate has a \$10 bill. She bought a pencil
case that cost \$3.62. How much change
did she get back? _____



Tell how you know where to place the symbol for the unknown.

Solve.

- ① There are 3 school buses. Each bus has 8 students. How many students are on the buses?

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- ② Soo used 32 seeds. She put 8 seeds in each row. How many rows did she make?

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- ③ Leah has 48 cards. She puts 8 cards in each row. How many rows did she make?

- ④ There are 18 books in the bookcase. There are 6 books on each shelf. How many shelves are there?

Circle the letter for the correct answer.

- ⑤ Tommy has 36 tomato plants. He has 4 equal rows of plants. Which equation shows the number of plants in each row?

- a) $36 + 4 = p$
- b) $36 \div 4 = p$
- c) $36 \times 4 = p$
- d) $36 - 4 \times p = t$

- ⑥ Celia can type a whole page in 3 minutes. If she types for 22 minutes, which equation shows the number of whole pages she can type?

- a) $22 \times 3 = p$
- b) $22 - 3 = p$
- c) $22 \div 3 = p$
- d) $22 - 3 - 3 - 3 - 3 - 3 - 3 - 3 = p$

- ⑦ There are 6 more blue umbrellas than yellow umbrellas. Which equation shows the number of blue umbrellas?

- a) $6 + y = b$
- b) $6 \times b = y$
- c) $6 \times y = b$
- d) $y \div 6 = b$

- ⑧ Ms. Brown buys 3 new T-shirts for \$27. The T-shirts each cost the same amount. Which equation shows the cost of one T-shirt?

- a) $c = 27 - 3$
- b) $c = 27 + 3$
- c) $27 \div 3 = c$
- d) $27 \times 3 = c$